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UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 00,472)

PATENT RECEIVED
AUG 17 2001
Technology Center 2100

IN THE APPLICATION OF:

Puthiyandyil et al.

Serial No. 09/850,196

Filed: May 7, 2001

Title PPP Data Compression Offloading
For L2TP Tunnels

Examiner: To be Assigned

Group Art Unit: 2152

Confirmation No.: 1245

INFORMATION DISCLOSURE STATEMENT

BOX DD
Commissioner for Patents
Washington, D.C. 20231-9999

Dear Sir:

Pursuant to the duty of disclosure provided by 35 C.F.R. § 1.56 and §§ 1.97-98, the applicants wish to make the following references of record in the above-identified application. Copies of the references are enclosed. Copies are also listed in the PTO-1449 form enclosed herewith. It is requested that the documents be given careful consideration and that they be cited of record in the prosecution history of the present application so that they will appear on the face of the patent issuing from the present application.

Portions of the references may be material to the examination of the pending claims, however no such admission is intended. 37 C.F.R. 1.97 (h). The references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative importance of any portion of the

references. This Statement is not a representation that the cited references have effective dates early enough to be “prior art” within the meaning of 35 U.S.C. sections 102 or 103, nor is this submission to be construed as a representation that a search has been made.

CITED REFERENCES

U.S. Patent Documents

Document Number	Date	Name	Class	Sub Class	Filing Date of App.
5,528,595	06/18/1996	Walsh et al.	370	85.13	11/14/1995
6,151,636	11/21/2000	Schuster et al.	709	247	02/05/1998
6,170,075 B1	02/02/2001	Schuster et al.	714	776	12/18/1997

Other Documents

Citation
W. Simpson, “ <i>The Point-to-Point Protocol (PPP)</i> ”, Network Working Group, RFC 1661, July 1994, pages i-11.
D. Rand, “ <i>The PPP Compression Control Protocol (CCP)</i> ”, Network Working Group, RFC 1962, pages 1-9.
Friend et al., “ <i>PPP Stac LZS Compression Protocol</i> ”, Network Working Group, RFC 1974, August 1996, pages 1-20.
D. Rand, “ <i>PPP Predictor Compression Protocol</i> ”, Network Working Group, RFC 1978, August 1996, pages 1-9.
J. Woods, “ <i>PPP Deflate Protocol</i> ”, Network Working Group, RFC 1979, August 1996, pages 1-10.
Sklower et al., “ <i>The PPP Multilink Protocol (MP)</i> ”, Network Working Group, RFC 1990, August 1996, pages 1-24.
G. Pall, “ <i>Microsoft Point-to-Point Compression (MPPC) Protocol</i> ”, Network Working Group, RFC 2118, March 1997, pages 1-9.
Rigney et al., “ <i>Remote Authentication Dial In Use Service (RADIUS)</i> ”, Network Working Group, RFC 2138, April 1997, pages 1-23.

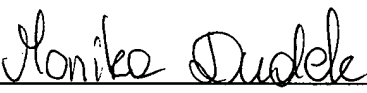
Citation
Valencia et al., " <i>Cisco Layer Two Forwarding (Protocol) "L2F"</i> ", Network Working Group, RFC 2341, May 1998, pages 1-29.
D. McDonald, " <i>PF_KEY Key Management API, Version 2</i> ", Network Working Group, RFC 2367, July 1998, pages 1-68.
Townsley et al., " <i>Layer Two Tunneling Protocol "L2TP"</i> ", Network Working Group, RFC 2661, August 1999, pages 1-20.

Respectfully submitted,

McDonnell Boehnen Hulbert & Berghoff

Date: August 13, 2001

By:


Monika Dudek
Registration No. 47,538

Form PTO-1449 (modified)

Atty. Docket No.
00,472Serial No.
09/850,176

List of Patents and Publications for Applicant's

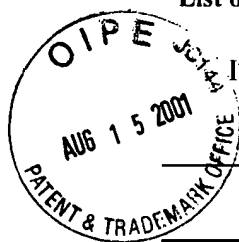
Applicant

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(Use several sheets if necessary)

U.S. Patent Documents
See Page 1Foreign Patent Documents
See Page 2Other Art
See Page 2

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	A1	5,528,595	06/18/1996	Walsh et al.	370	85.13	11/14/1995
	A2	6,151,636	11/21/2000	Schuster et al.	709	247	02/05/1998
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	A4						
	A5						
	A6						
	A7						
	A8						
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EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)



PATENT

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Commissioner for Patents

Washington, D.C. 20231

Sir:

TRANSMITTAL LETTER

In regard to the above identified application:

1. We are transmitting herewith the attached:


- a. Information Disclosure Statement;
- b. Form PTO-1449;
- c. Copy of IDS Citations 09/850,176 (14 references);
- d. Return Receipt Postcard.

2. With respect to additional fees:

☒ No additional fee is required.

3. Please charge any additional fees or credit overpayment to Deposit Account No.13-2490. A duplicate copy of this sheet is enclosed.

4. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Box DD, Washington, D.C. 20231 on this 13th day of August, 2001.

By : 
Monika Dudek
Reg. No. 47,538

Form PTO-1449 (modified)

Atty. Docket No.
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	A24						
	A25						
	A26						
	A27						

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1						
	B2						
	B3						
	B4						
	B5						

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

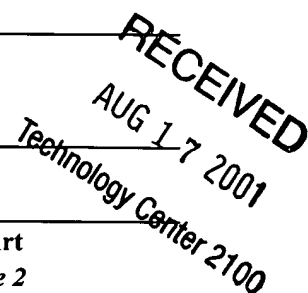
Exam. Init.	Ref. Des.	Citation
	C1	W. Simpson, "The Point-to-Point Protocol (PPP)", Network Working Group, RFC 1661, July 1994, pages i-11.
	C2	D. Rand, "The PPP Compression Control Protocol (CCP)", Network Working Group, RFC 1962, pages 1-9.
	C3	Friend et al., "PPP Stac LZS Compression Protocol", Network Working Group, RFC 1974, August 1996, pages 1-20.
	C4	D. Rand, "PPP Predictor Compression Protocol", Network Working Group, RFC 1978, August 1996, pages 1-9.
	C5	J. Woods, "PPP Deflate Protocol", Network Working Group, RFC 1979, August 1996, pages 1-10.

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	C9	Valencia et al., "Cisco Layer Two Forwarding (Protocol) "L2F"", Network Working Group, RFC 2341, May 1998, pages 1-29.
	C10	D. McDonald, "PF_KEY Key Management API, Version 2", Network Working Group, RFC 2367, July 1998, pages 1-68.
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